AMENDMENTS TO THE DRAWINGS

1.   Attached are formal drawings which include replacement drawing sheet 1/10.   The replacement sheet includes proposed drawing changes to Figures 1, and are to replace the original drawing sheet 1/10.   The drawings have been amended to clarify the invention.   In particular, **FIG. 1** has been amended to clarify the functionality and interaction of the fragmenter **106**, check data generator **108**, combiner **110**, friendly key generator **112** and dictionary **114**. Support for the amended drawing is provided at least at page 8, lines 12 to 25 of the specification and shown in original **FIG. 1**. A **Replacement Sheet** for **FIG. 1** is submitted herewith.

REMARKS

1.   In response to the Office Action mailed May 31, 2007, Applicants respectfully request reconsideration. Claims 1-56 were last presented for examination. In the outstanding Office Action, claims 1-12 and 14-56 were rejected and claim 13 was objected to. By the foregoing Amendments, claims 1, 10-14, 25, 28, 35, 42, 45-50 and 52-55 have been amended, claims 51 and 56 have been cancelled, and claims 57-59 have been added. Thus, upon entry of this paper, claims 1-50, 52-55 and 57-59 will be pending in this application. Of these fifty-seven (57) claims, ten (10) claims (claims 1, 13, 14, 28, 35, 45, 47, 49, 50 and 55) are independent.

2.   Based upon the above Amendments and following Remarks, Applicant respectfully requests that all outstanding rejections be reconsidered and that they be withdrawn.

Allowable Subject Matter

3.   Applicants would like to the Examiner for the early indication of allowable subject matter in claim 13. To that end, claim 13 has been rewritten in independent form and is allowable. In addition, new claims 57-59, which are analogous to original claims 10-12 have been added to depend upon allowable claim 13 and thus are also allowable.

Amendments to the Drawings

4.   Applicants submitted formal drawings attached hereto to replace the drawings filed on July 30, 2003. Accordingly, Applicant respectfully submits that the replacement drawings do not constitute new matter. Applicant respectfully requests that the Examiner enter the attached formal drawings.

Claim Rejections

5.   In the outstanding Office Action, claims 1-12 and 14-56 were rejected under 35 U.S.C. Section 102(e) as being anticipated by U.S. Patent No. 7,028,192 to Butler (hereinafter, "Butler".) In addition, claims 1-12 and 14-56 were rejected under 35 U.S.C. Section 102(e) as being anticipated by U.S Patent Application Publication No. US2003/0182614 to Schroeder (hereinafter, Schroeder.) Based on the above Amendments and the following Remarks, Applicants respectfully request that these rejections be reconsidered and that they be withdrawn.

6.   Further, limitations directed to the forming and reversing the effect of forming"
"friendly-error-detectable key fragments," similar to those indicated as allowable in claim 13;
and "a dictionary" for providing "friendly key elements" required in forming and reversing the
effect of forming "friendly error-detectable key elements" have been incorporated in a plurality
of the remaining independent claims to further clarify the invention. As discussed below, it is
respectfully submitted that claims 1-8, 10-45, 47-50 and 50-56 are now also allowable.

35 U.S.C. Section 102 Rejections

7.   Claims 1-12 and 14-56 were rejected under 35 U.S.C. Section 102(e) as being anticipated
by Butler and claims 1-12 and 14-56 were rejected under 35 U.S.C. Section 102(e) as being
anticipated by Schroeder. Reconsideration is respectfully requested.

8.   Independent claim 1 has been amended to clarify the invention. In particular, claim 1 has
been amended to recite:

> [a] method for using a plurality of error-detectable key
> fragments of an original license key string for authorizing use of
> software, comprising:
>   fragmenting the original key string into a plurality of key
> fragments;
>   calculating for each key fragment corresponding check
> data; and
>   combining each key fragment with its corresponding check
> data to form said error-detectable key fragments;
>   at least one of calculating and retrieving from a dictionary a
> corresponding friendly key fragment for each of said error-
> detectable key fragments; and
>   combining each of said error-detectable key fragments and
> said corresponding friendly key fragment to form friendly error-
> detectable key fragments.

9.   Support for the amendment is provided at least at page 8, lines 12 to 25 of the
specification, and shown at least in amended **FIG. 1**, as shown in the attached Replacement
Sheet (note: amended **FIG. 1** also finds support at least at the above-referenced sections of the

specification). In addition, remaining claims 10-13, 14, 25, 28, 35, 42, 45-47, 49-51, 53 have also been amended to be consistent with claim 1 above and additional limitations defined in the specification with regarding the "dictionary" and "friendly key fragments" that are shown at least in **FIG. 2** - **FIG. 10** and/or discussed in the descriptions of these respective figures in the specification. Therefore, it is respectfully submitted that the amendments raise no questions of new matter.

10.   Butler discloses a method and apparatus that enable a computer user to verify whether they have correctly inputted their password into a computer.[1] In particular, Butler discloses, as shown in **FIG. 2** below, upon input of the password **202**, the password is subjected to a hashing function **204** to thereby generate an N-bit number **206**.[2] Further, Butler discloses the N-bit number is preferably a 14-bit number **206** and that the 14-bit number **206** is then split **208** into

FIG. 2
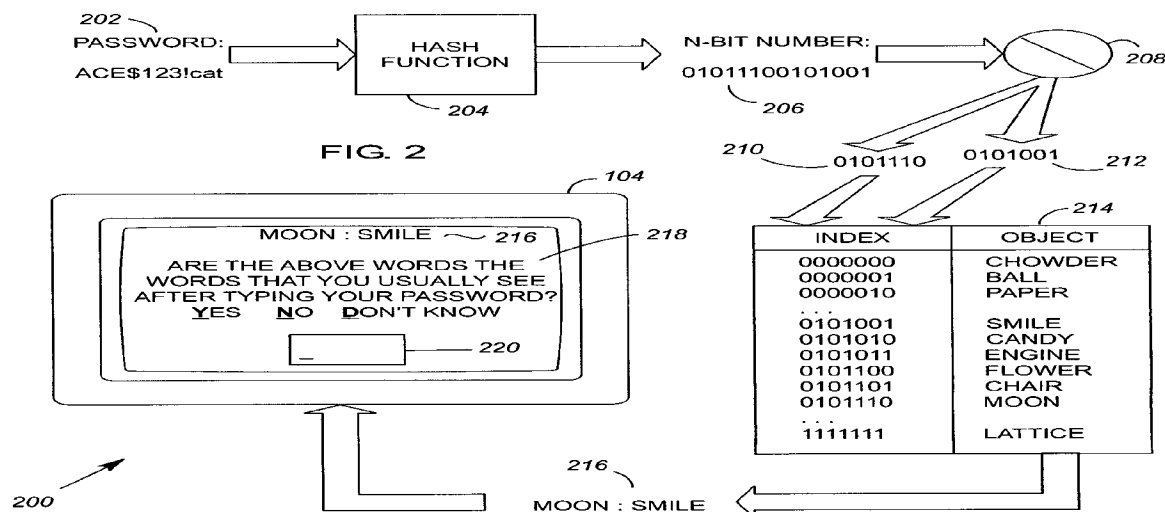
two groups of seven bits **210**, **212**, and each group of bits **210**, **212** is used as an index for retrieving a word from a list of words **214**.[3] Furthermore, Butler discloses the retrieved object(s) **216** are then presented to the user, and the user is prompted to verify that the retrieved object(s) **216** are recognizable as the object(s) **216** which the user knows to be associated with their

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[1] Butler at ABSTRACT.
[2] Id. at **FIG. 2**, column 4, lines 17-19.
[3] Id. at **FIG. 2**, column 5, lines 15-17.

Application No: 10/630,144
Attny. Docket: 100202796-1

Response to Action
dated May 31, 2007

password **202**.[4] Moreover, Butler discloses, if the retrieved object(s) **216** are verified as being recognizable, the password **202** is accepted as an intended input.[5]

11.   Schroeder, as shown in **FIG. 4** below, discloses a block diagram of an error control module (ECM) that may operate to perform error control for a packet by calculating partial TCP checksums for the packet fragments.[6] In particular, Schroeder discloses partial checksum combiner module **408** may combine the partial error control values for the packet fragments and the pseudo header into an error control value and that the partial checksum combiner module **408** adds each partial TCP checksum together to derive a final TCP checksum.[7]
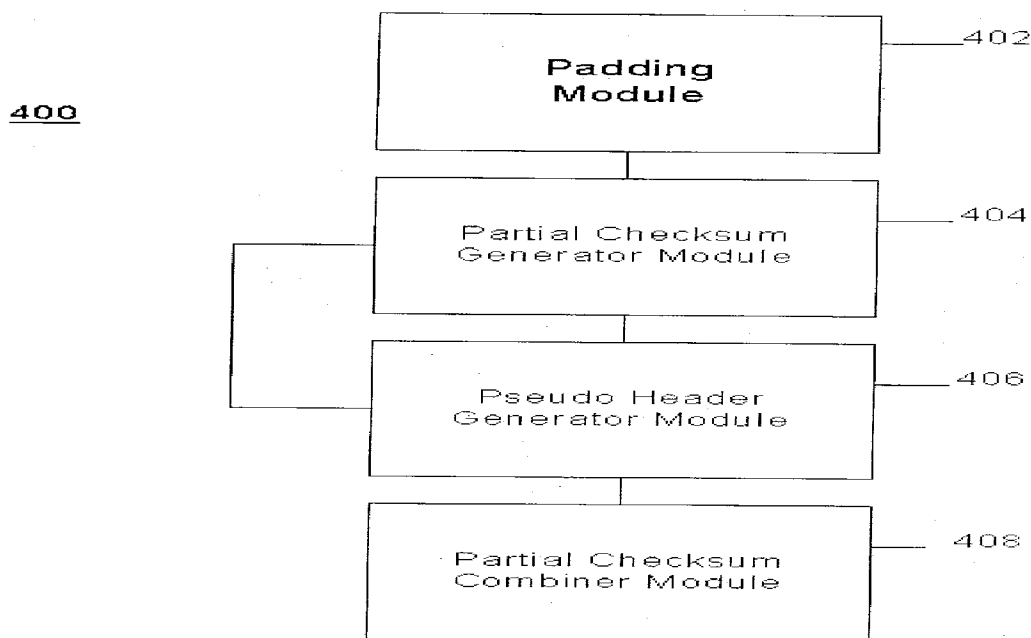

FIG. 4

12.   However, it is respectfully submitted that neither Butler or Schroeder discloses as claim 1 has been amended to recite:

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[4] *Id.* at **FIG. 2**, column 4, lines 22-25.
[5] *Id.* at **FIG. 2**, column 4, lines 25-27.
[6] Schroeder at paragraph **[0029]**.
[7] *Id.* at paragraphs **[0037]** to **[0038]**.

> [a] method for using a plurality of error-detectable key fragments of an original license key string for authorizing use of software, comprising:
>
> fragmenting the original key string into a plurality of key fragments;
>
> calculating for each key fragment corresponding check data;
>
> combining each key fragment with its corresponding check data to form said error-detectable key fragments;
>
> *at least one of calculating and retrieving from a dictionary a corresponding friendly key fragment for each of said error-detectable key fragments; and*
>
> *combining each of said error-detectable key fragments and said corresponding friendly key fragment to form friendly error-detectable key fragments* (emphasis added).

13.   That is, though Butler and Schroeder disclose some type of error coding (e.g., hash function of Butler) which may be analogous to the "check data," as recited in claim 1, neither Butler or Schroeder disclose the functionality or the interaction of a "friendly key generator" and "dictionary" in forming "friendly error-detectable key fragments," as recited at least in amended claim 1 and other amended claims, and as shown in the attached Replacement Sheet for **FIG. 1** at reference numbers **112** and **114**, respectively.

14.   Further, neither Butler or Schroeder disclose the functionality or interaction of the "friendly fragment converter" and the "dictionary," in reversing the effect of forming "friendly error-detectable key fragments," as recited at least in amended claim 50 and other claims amended to clarify the invention; and as shown in the **FIG. 2** below at reference numbers **208**

FIG. 2
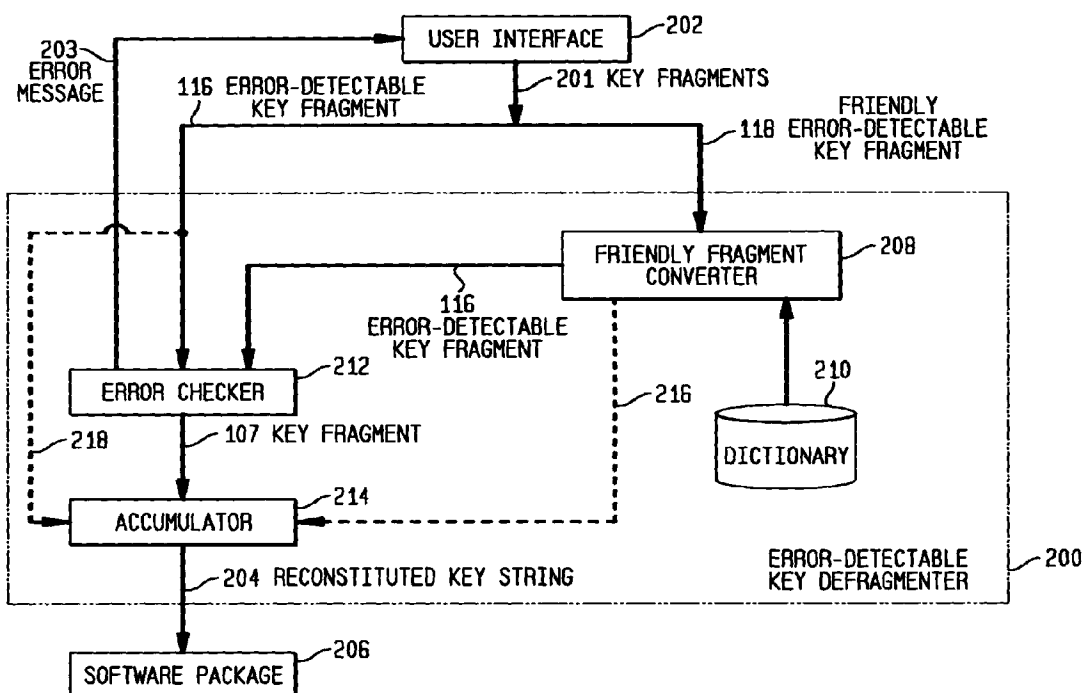
and **210**, respectively. Therefore, in consideration of the above, it is respectfully submitted that neither Butler or Schroeder disclose, anticipate or inherently teaches the claimed invention and that claims 1-8, 10-45, 47-50 and 50-56 patentably distinguish thereover.

Dependent claims

15.   The dependent claims incorporate all of the subject matter of their respective independent claims and add additional subject matter, which makes them *a fortiori* independently patentable over the art of record. Accordingly, Applicants respectfully request that the outstanding rejections of the dependent claims be reconsidered and withdrawn.

Conclusion

16.   In view of the foregoing, this application should be in condition for allowance. A notice to this effect is respectfully requested.

17.   Applicants reserve the right to pursue any cancelled claims or other subject matter disclosed in this application in a continuation or divisional application, cancellations and

amendments of above claims, therefore, are not to be construed as an admission regarding the patentability of any claims and Applicants reserve the right to purse such claims in a continuation or divisional application.

Dated: October 1, 2007   Respectfully submitted,

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